

MODIS Active Fire Detections - April 11, 2009

Western Canada



LEGEND

Map Current As Of April 11, 2009 - 0700 MDT

- Actively Burning Area (Last 12 hours)
- Actively Burning Area (Last 24 hours)
- Previously Burned Area (Since January 1st)
- Trans Canada Highway

Elevation

11,000 & Above
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0 Feet

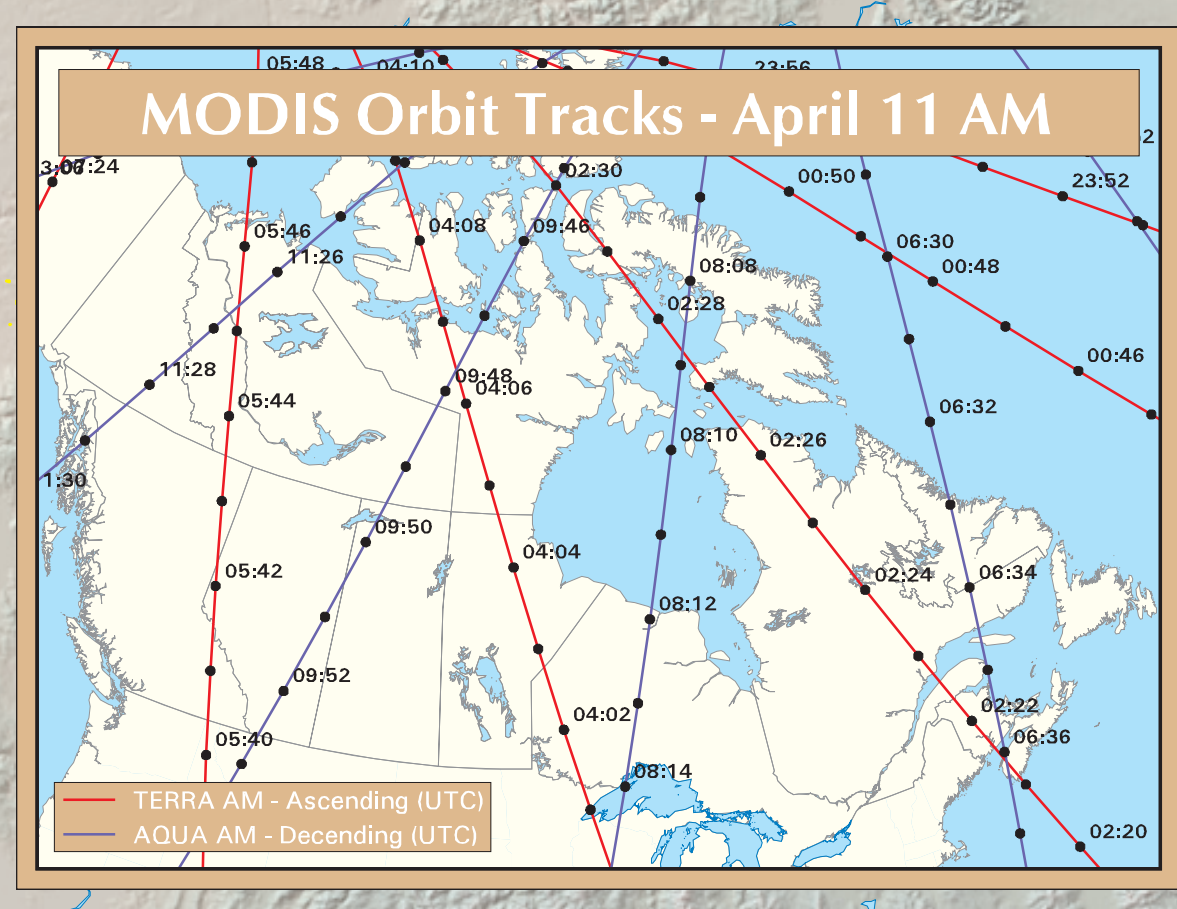
3,500 & Above
3,000
2,500
2,000
1,500
1,000
500
0 Meters

0 50 100 150 200 250

miles

0 50 100 150 200 250

kilometers



Map Explanation:
This map was compiled at the USDA Forest Service Remote Sensing Applications Center in cooperation with NASA's Goddard Space Flight Center, the University of Alaska Fairbanks, participating provincial/territorial agencies, and the USDA Forest Service's Northern Forestry Sciences Laboratory. The fire locations are mapped using imagery collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the TERRA and AQUA satellite platforms. Each MODIS instrument provides daily image coverage of the Earth in the mid to high latitudes, making observations in its coarsest spatial resolution. Fire detections displayed on this map are processed by the MODIS Rapid Response system using the algorithm described by the MODIS User Guide. Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the entire area represented by the pixel is on fire. A fire detection can be the result of a fire in a relatively small area, or a cooler fire over a larger area. At this time, there is no way to discriminate between these two possibilities. The detection of the control of the fire pixel is within one-half of one pixel (500 meters) of the location shown on the map. The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data is only as good as the data it is based on. These maps are intended as a visual view of data and are not intended to be used for any other purpose. The USFS reserves the right to correct, update or modify geospatial maps to the map without notification. For additional information, please contact the Remote Sensing Application Center (801-675-1720).
© 2009 USFS/USDA, NASA, and the University of Alaska Fairbanks
All other rights reserved.